

**HAPPY BIRTHDAY!!!**  
**FLORIDA SKIP**  
**16 YEARS OLD**  
**THIS MONTH!**

**Florida SKIP**  
**16 YEARS OLD**  
**THIS MONTH!**

# FLORIDA skip

VOL. 16 NO. 1

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

JUNE / 1972

Price 20c

## WD4USA-WR4USA 1972

The Dade County Amateur Public Service Corps. (W4EH-W) of Miami will sponsor a Special Events station during the National Democratic and Republican conventions in Miami Beach during July and August. The Corps has already received FCC approval for WD4USA (Democrats) and WR4USA (Republicans).

Two complete amateur radio stations will be set up for public display, interviews and sending of free radiograms to the folks back home. The stations will be manned from 10 a.m. to 10 p.m. for both four-day convention periods. One station (SSB-CW) will be on The Lincoln Road Mall and the other (2 meter FM) at the Convention site.

Any licensed amateur in the Dade-Broward-Monroe county area who would like to participate in this event may do so by calling George Nehiley, WB4ONR, Corps. Secretary at 305-625-0188 for details. We are looking mostly for traffic handlers and those interested in public service. More details next month.

## JACKSONVILLE REPEATER

The Jacksonville repeater is now in full operation. Sponsored by the Jacksonville Range Assoc., the Greater Jacksonville Repeater, WB4QFL, operated on 146.16 (Cor Autopatch) and 146.34 access TT7-1 autopatch and output frequency 146.76. Deviation: 5 kHz, elevation 400 feet with 60 watts. Log requirement: Give time and call. Info submitted by Howard Kelley, K4DSN, Jacksonville. (Congratulations and good luck to WB4QFL. Editor)

## MORE ON LICENSE TAGS

Last month SKIP reported the CBers won their Auto Tag License Bill. This is true. But what is not true is that we amateurs will not have to pay \$5.00 extra for our new plates. The CBers do, but we still pay only \$1.00. I say again, only one buck! Due to a mix-up in telephone conversation with our Man in Tallahassee, WB4GTY, we gave you the wrong dope. This is another reason we like to have everything in writing and sent to our Box 501. So we won't make boo boos. Thanks again to Jim, WB4GTY for keeping us informed. So now W4IYT can have his 1973 tag on his 1954 Chevy. Geeee.

## 1972 FLORIDA QSO PARTY RESULTS

The 1972 Florida QSO Party has come and gone. Here are a few of the "stock market" statistics for this year as compared to last year's party:

Total entries	down 9 percent
Fla. CW entries	up 50 percent
Fla. Phone entries	up 20 percent
Out-of-state CW	down 21 percent
Out-of-state Phone	down 31 percent
Novice activity	up 200 percent (hi)

In years past we've tried special categories such as Florida Portable and Florida multi-op, but this year we hit

upon a keeper — a Florida Club Aggregate category. Over 44 percent of all Florida activity was to be considered for Club Aggregate scoring. This year the Trophy goes to the Dade County ARPSC, W4EHW, in Miami for a total of 83,492 points.

In other Florida awards — high Florida CW entry and Trophy winner is Jim Frison, K4JWM, Miami Springs, while the Phone Trophy goes to Bill Walker, WB4EYK, Jacksonville.

In the out-of-state category — high CW goes to K4LDR, Peter Shaw of Virginia, and high Phone goes to WA6PGB, Steven Bueg of California.

Certificates were awarded to the high scoring station in each county, state, province or country in each mode. (96 in all.) (See score page elsewhere.)

If you have any suggestions that can be applied to next year's party, send them along, as plans are already being made. 73 and CU next year.

Charlie Trice, WA4RRB  
 Florida QSO Chairman  
 (For results, see page 16)

## PHONEY PHONETICS

K4CAG - Calling All Girls ...  
 K4ILC - Kings Four Innocent Little Chicks ...  
 WA0PSG - Poor Stupid Galoot ...  
 W4VCY - Very Crabby Yankee ...  
 K4ELH - Ever Loving Herb ...  
 WB4TGW - The Girl Watcher ...  
 WN4TZR - The Zebra Rustler ...  
 WN4TGL - The Great Lover ...  
 WB4LOA - Lousy Old Amateur or Lazy Old Amateur ...  
 K4ELH - Esta Loco Hombre.



HERE IS THE VERY FIRST AMATEUR auto tag license issued in Florida. It went to W4IMJ, Senator Floyd Fargo Boyle of Sanford, sponsor of the Florida Amateur Radio Auto Tag Bill in 1950 — over 22 years ago. W4HGO "High Grade Operator" shown on the left is now a Silent Key. Senator Boyle sports his tag on his "New Car." Amateur tags are still only one dollar extra, not five as reported in last month's editorial. (Photo via K4OER.)

**FLORIDA SKIP, INC.**  
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EDITOR — Andy Clark W4IYT  
P.O. Box 501 — Miami Springs, Fla. 33166  
Winner of Twenty-four National ARNS Awards  
BUSINESS MGR. — Betty Clark, W4GGQ  
Special Asst's — Vance Murr, W4FWI

Box 501, Miami Springs, Fla. 33166

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Deadline — 10th of month in Box 501, Miami Springs, Fla. 33166

Any item in FLORIDA SKIP may be reprinted in any other amateur radio publication in the world with a credit line. —Editor

OM, Nominate your XYL for our Skip Dear Mable Award. A most unusual award. Free to members. Give her full name, your call and mailing address. Editor.

#### FLORIDA SKIP CORRESPONDENTS

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Q.C.W.A. SE Chapter, W4JO  
Q.C.W.A. Citrus Chapter, W4CNY  
Q.C.W.A. Treasure Coast Chapter  
Q.C.W.A. Suncoast — W4GHR

#### RTTY BROADCASTS — NEW SPEED

Many of our SKIP readers have radio-teletype. A call to Mr. Morris E. White, Chief of the Miami Flight Service Station, on CARMET broadcasts revealed the following: On or about July 1st WBR-70 will transmit CARMET and hurricane advisories on 5925, 8130, 10950, and 14395 KHz around the clock. 3235 KHz from 2030 to 1400 GMT. 16440 KHz 1155 to 0500 GMT. A standard 5 level code will be used at the new 100 wpm speed. 80 wpm will be discontinued on this date. Mr.

White informed SKIP that some 400 to 500 South American stations copy the CARMET weather broadcasts and so do hundreds of ships around the world. At a much later date WBR-70 will shift to a 8 level code. All WBR-70 transmitters are high power and located about 12 miles west of Miami in the Everglades. —A.C.

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HARS, W4UHF, Tampa  
B.A.R.S. WB4TUP, Brandon  
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Deltona, W4YPA, Deltona  
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So. Miami ARC, WB4JFA, Miami  
DCARPSC, WB4LBB, Hollywood  
Dade RC, WB4MYX, Miami  
So. Fla. FM Assn. K4EBK, Miami  
Tampa Repeater Assn. Tampa



## Letters To Editor

Editor:

Thought you might want some news from Army MARS. Wife and I are visiting my brother here at Kailua, Oahu, Hawaii. We are seeing the sights, Army MARS station ABUSA and the local Air Force station. Army was on 4025 standing by for astronauts and AF was working Vietnam, Japan, Korea, Hometown and Louisiana, like locals on 31.8 mHz. Plenty of traffic thru here.

73,

Pat Murphy, K4AO, AA4AG

many years ago in April 1916 in the United States Army where he served in the First Tactical Aviation Unit in the Mexican Border Expedition. In 1935 he obtained the call W2FR, Lakewood, New Jersey. Later calls were W7EVP, Kallispell, Montana and W8FV, Dayton, Ohio. Earle O'Connell made the last entry in his logbook as W8FV-4 in Huntington Beach, Calif.

His daughter,

Maureen M. Schotepke  
Pasadena, California 91107

Editor:

My father always enjoyed Florida Skip very much so I am taking this opportunity to inform you that he has passed away on March 17, 1972. His call letters, K4EK, went on the air in 1959 and to all his ham friends he was known as "Grandpappy" on 20 meters single side band 14330 k. His interest in Amateur Radio began

Editor:

Florida SKIP came today and as usual I enjoyed it from "kiver-to-kiver."

I wanted to let you know that I support your editorial wholeheartedly. My "road memos" will never again sport Florida license plates with my Ham call. Since I have used these plates since my arrival in Florida in 1965, I regret the situation but I

(Continued on page 14)

## GUEST EDITORIAL OUR IMAGE

Just what is Amateur Radio in the eyes of John Q. Public? I'm afraid our image is not what we would hope nor even what we might expect it to be. We might hope he would see us as intelligent, able electronic whizzes, building and repairing our own equipment and keeping schedules with people from exotic sounding places. We might expect that he would recognize the valuable assistance Amateurs give in disasters and the contributions of Radio Amateurs to electronic technology.

But does he? No!

Two examples in the past month point out clearly that the average person has no idea what Amateur Radio is all about.

Number 1 — In the comic strip "Steve Canyon," the cartoonist has Poteete Canyon seeking assistance on her CB radio and making the comment that she hopes some Ham hears her call for help. (Not impossible, by the way — there are Hams who also hold CB licenses.) But the point is — the cartoonist did not know the difference. Certainly he did not do his homework.

Number 2 — On the TV program "Room 222," the school had been given a broadcast radio station and were planning broadcasts. Mr. Dixon asked if anyone in the class had a license, and one of the boys said that he had a 3rd Class License. Then one of the girls remarked, "I didn't know you were a Ham."

Someone, somewhere should have caught these errors before they hit the public eye — but no one did!

How many of us have had a neighbor remark that her brother-in-law in the Midwest is a ham and ask if we can keep a schedule with him. Later we find out that he is a CBER or a SWL, or has a business license. The average person just knows we do something with two-way radio.

Even one of the proponents of the recent CB license tag bill did not know the difference between CB and Amateur radio.

What can we do about our image? Several things.

Support our club's public service activities — some of them are designed especially to acquaint the public with Amateur Radio — and see that club activities get good newspaper coverage. Some club activities we might promote are Field Day, Civil Defense, setting up a station to handle messages at a fair or some special event, Red Cross, Novice or higher classes, etc. We can invite others to radio club meetings and to other club activities. How about presenting a program on Amateur Radio to other civic clubs?

One of the best ways each of us can help is to be a good Amateur Radio operator and set a good example. Show friends and neighbors our equipment and explain what Amateur Radio is and what Hams do. Each of us should be a one man (or woman) ambassador for Amateur Radio.

(SLANT-BARS, WA4YNX EDITOR)

(Editor's Note: See 2 gals and a guy elsewhere.)



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## NOTICE TO THE FLORIDA SIDEBANDERS ASSOCIATION MEMBERSHIP

For some time now there has been various and sundry comments, remarks and discussion on the limited growth, loss of membership, disinterested attitude, apathy, etc., about the meetings and other 'going-ons' of the Florida Sidebanders Association. Ladies and Gentlemen of the FSBA membership, this is YOUR association, too! Not just the officers, you elected, are to blame for this degeneration but YOU who make up the roll-call of a Sunday afternoon. Or, worse yet, you who have joined, gotten your certificates and membership number, and then disappear — no longer to be heard from. I wonder if we were to call the roll ten minutes after the first roll call just how many of you would be there to answer the second time??

On Sunday, April 30th, meeting number 625 we heard an enthusiastic voice volunteer, "I'll head up a program committee to get something started." This volunteer was, you might say, a stranger in our midst. Does not belong to the FSBA and doesn't even have a '4' call. WA5ALN, Blake, at Key West, said he would take this job of trying to do something for you. He also asked "what is it you want?" and "who will help?" Now you members who have been certificated and deserted us get in there and tell Blake "I'll help," "I'll talk on my 'stamp collection,' 'breeding cats or dogs,' Golf, bowling, my trip to Tim-buck-tu or some other place. Just get in there and do your part. Don't be expected to be entertained by others and sit on your 'duff' and only criticize.

On June 18th, "Cuddy," WA4SHI will give a talk on "Self Protection for Women." This should be of interest to the wife and daughters of you men members so get them in around the 'rig' and afterwards there will be a question-answer session.

Another thing that we have 'cooked' up and, although some what inconvenient to many of us, is a picnic-dinner outing planned for Sunday, June 11th at FLORIDA CAMPLAND located about five miles South of cross-state 50 on 98 or about 8 miles North of Dade City on 98. Many of the State Routes, 50, 98, 301, I-75 will get you very close to this area and the bill-boards

advertising the camp-grounds are many. Florida Campland is owned and operated by a Ham, Marty Nadler, WB4IUL, and is a very beautiful place.

Not what is this outing going to cost you?? Only half back per car and then we ask you to bring one large covered dish of your favorite salad, baked beans, cole slaw, tuna salad or dessert. If we can get a great many of you to come, a dinner of this magnitude should find no one going home hungry. Be prepared to donate a buck to the FSBA Fund. Don't know what we'll call it but we could buy flowers for any of our membership in the hospital, etc. Where else could you get a good meal for a dollar and a half, for a car full of people? Bring your own eating utensils, and something to drink. You parents will have to be responsible for your children as the Withlacoochee River is nearby. Practice up on your horseshoe pitchin' and we'll see who is the FSBA champ.

The date, June 11th — Dinner 1 p.m. — Florida Campland. The purpose, to get you, The Florida Sidebanders and any other Ham family together to do SOMETHING! How many will have an excuse to not be there?

"The things are mighty few on Earth

That wishes can attain.  
Whate'er we want of any worth

We've got to work to gain."  
(from Results and Roses by Edgar A. Guest)

By Case, W4NGR

### SILENT KEYS

We are sorry to report the passing of the following amateurs:

K4ERN, John T. Murphy, Ft. Lauderdale.

W4PAS, Don H. Reed, Tampa.

W4QEM, Warren W. Sloss, St. Petersburg.

WB4CQU, Al Mann, New Port Richey.

W4BCB, Lloyd McBurney, Naples.

WA4NZI, G. Douglas Rice, Plantation.

K4HQA, Arthur J. Bond, St. Petersburg.

K4MA, Allan N. "Jack" Moore, Bradenton.

WA4BYI, Herman E. Croft, Pensacola.

W4BP, J. M. "Tiny" Smith, Mount Dora.



GOVERNOR REUBIN O'D. ASKEW signs our June 18-24 FLORIDA AMATEUR RADIO WEEK PROCLAMATION in Tallahassee May 1st, 1972. Our thanks to Jim Rozelle, WB4GTV for taking care of details again this year. SKIP has free copies for a No. 10 SASE. Let's get all the publicity we can on this in the newspapers on radio and TV. Spread the word. **THANK YOU GOVERNOR!**

### PROCLAMATION

State of Florida  
Executive Department  
Tallahassee

WHEREAS, the Florida Amateur Radio Operators are a highly important and vital link in the emergency communications network of the State; and

WHEREAS, their service is extremely valuable in times of turbulence, death, destruction and devastation; and

WHEREAS, said service is immeasurably enhanced by their dedication to their avocation and the facility and expertise they demonstrate in the practice of said avocation; and

WHEREAS, their service offers many intriguing and unusual communications situations, the fascination of which they share with thousands of friends and fellow operators; and

WHEREAS, through their affiliation with the Amateur Radio Public Service Corps and the Radio Amateur Civil Emergency Service, Florida's amateur operators are continuously alert to offer additional communications service when the country faces a national emergency; and

WHEREAS, annually, Florida's amateur radio operators set aside a week to review all aspects of their avocation and its contribution to humanity;

NOW, THEREFORE, I, Reubin O'D. Askew, by virtue of the authority vested in me as Governor of the State of Florida, do hereby proclaim the week of June 18-24, 1972, as

FLORIDA AMATEUR RADIO WEEK;

in recognition of the conspicuous and outstanding service of the Florida Amateur Radio Operators to the State and its people.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed at Tallahassee, the Capital, this 1st day of May, in the year of our Lord nineteen hundred and seventy-two.

*Reubin O'D. Askew*  
GOVERNOR



ATTEST:  
*Richard Louis Nye*  
SECRETARY OF STATE

## TRIBUTE TO ROLAND B. BOURNE, W1ANA

By Arthur H. Lynch, W4DKJ, Cape Coral, FL

Though he played many, many important parts in the forming and guiding of the American Radio Relay League, many present members have little knowledge of the reasons they and the A.R.R.L. owe him great praise and thanks!

Nor is it possible, in a brief review like this, to do him even a token of our appreciation and gratitude!

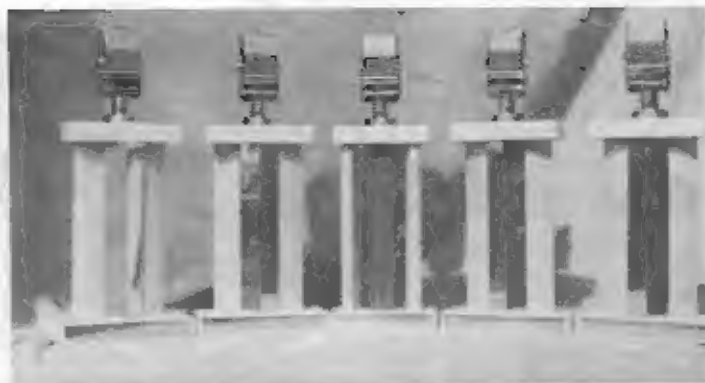
It happens that, because of my association with companies some of which, by reason of the skill of some of their engineers, whose technical articles aided greatly in making QST, the outstanding, international technical periodical it became, but also, whose advertising money helped keep the wolf from the door, that I dare to make the following remarks! National Co., General Radio Co., Raytheon Co., Browning-Drake Co., were a few of the New England folks whose frequent visits, from New York, took me through West Hartford, where stopping for a visit and lunch with the A.R.R.L. crew was quite a regular thing.

Roland, even in the old days, always kept his eyes open for anything which would be helpful to the A.R.R.L. and QST. It was largely through his efforts — though he seldom made it known — that some of the League's most important contributions to "ham" radio were inspired by him!

Just one indication of that sort of activity, on his part, is his letter to me, of February 19, 1968, which was one of his last official acts, of the "League."

Of course, presenting the unit he mentioned was considered a great honor by me, particularly as Roland accepted it at a meeting of the "GOLDCOASTERS," where one of the best-known "amateurs," Paul Godley, who received the first official trans-Atlantic signals and Ray Guy, founder of the "GOLDCOASTERS" and Past President of the Veteran Wireless Operators' Association, were present!

It is with great admiration and gratitude that these remarks are passed on for Roland E. Bourne, W1ANA, to whom we all owe much.



HERE ARE THE FIVE FLORIDA SKIP QSO Party trophies which will be awarded at the 1972-1973 Miami Hamboree. Winners are High Single CW Operator K4JWM; High Single SSB Opr. WB4EYX; High Out of State CW K4LDR; High Out of State SSB WA6PGB; High Club Aggregate Score W4EHW. (Fla Skip Photo)

### BRANDON AMATEUR RADIO SOCIETY'S

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## ORLANDO ARC

By Herb W4LSR

Our April meeting was centered around our forthcoming hamfest, as it is every year at this time. Monty, K4VFV and his committee members reported on preliminary activities, and all seems ready for the big event.

Among our visitors was our neighbor from Daytona, Jack Six, W4YPA. He was most welcome. Six new members were voted into the club.

Mike, K4FCS, who teaches code at our code and theory classes reported good progress. Doc, W4ZVV, reported on the new Prestige license plate law passed by the state legislature. Charles, W4PZY, gave us a brief but interesting report on the new Orlando repeater which was donated by Heppo and built by Bob, W4PCZ, for the Central Florida Repeater Association whose membership includes many of our club members.

Jess, W4CLJ, and his Agnes spent a pleasant week in Kentucky visiting family. L. J., W4AWSO, and his Betty are expecting their daughter and her family to visit them. Our perennial temporary resident Nat, W4YSO, has left for the Tennessee mountains to get his travel trailer set up for the summer. He plans to return for the hamfest and then back to the summer place with his Thom.

See you next month. 73, Herb.

## DADE RADIO CLUB, INC.

By Hank Schaefer, WB4MYX

Sorry about the BooBoo on the date of the club dinner and installation of Officers. Was very gratified to find that some of the club members actually do read this stuff. Would hardly think so from the lack of reaction at the meetings. Being correspondent is sort of like being a dentist, you have to pull out and then fill in.

We have five new Novices as a result of our Code class. Classes will continue for new applicants and anyone wanting to upgrade his present rating.

The members voted to support the Crystal Pool for the QFTN traffic net.

Because of a case of insufficient manpower at the time of the G.O.P. con-

vention, due to vacations, a request to sponsor a communications center during this affair, under the proposed call K4GOP, was turned down after considerable discussion. Equipment for Field Day is being lined up and it looks like a pretty good coverage of the ham bands is in prospect. Probably won't be much news until after Field Day.

## GULF STREAM SOCIETY OF RADIO OPERATORS, INC.

By Bertha Farr Eggert, WA4BMC

At the April meeting of the Society, Slim, W4AAZ, proposed, and Mark, K4BDI, seconded that Larry Martin, W4COE, be accepted as a new member and everyone welcomed him. Glad to have you, Larry. Mrs. Schofield, widow of Ed, W4ZHI, wrote a letter, thanking the Society for the help in disposing of Ed's gear.

Jay, W4VTJ, was on a program on Channel 12, on April 18, at noon, explaining his efforts in Copy the Apollo 16 on 2287 Mc. The program was called, "A Ram's Idea of Apollo 16." Jay was able to see the audio signal on a scope, but was not able to hear the audio. This was confirmed by the Cape.

Bob, WB4AIF, and several other members are going to put a HF Antenna up on the Civic Center Building in Lake Worth, where we hold our meetings.

In the next week or two, our Repeater Receiving Antenna should be moved to the new site. At the May Meeting there was a good bit of discussion about this move, and the phone lines and the cost. It will be good to have this receiver antenna at the new site and at the new height.

The South-East division multi Operator Class winner of the ARRL Sweepstakes were Neil, WB4PKP, Tom, WB4OPI, Bill, WB4DUB and Arnold, WB4PKO. Congratulations, fellows.

## BROWARD A.R.C.

By Jim Wilson, W4GDK

The members and officers of this Club join in expressing the hope that the world famous Florida SKIP can continue. We would be lost without it.

Our Club, as one of many clubs in Florida, feels that a lot of our growth has come through publicity in SKIP.

We know what a big job it is for both Betty and Andy, but be assured your

sacrifice is not unappreciated.

FLORIDA SKIP is the most widely quoted ham magazine in the country.

We do hope you can continue and we congratulate you on your past accomplishments.

## DADE COUNTY AMATEUR PUBLIC SERVICE CORPS

By George Nehlley, WB4ONR

DCARPSC members agreed to back W4ILE 100 percent in his efforts to get something started in establishing a Crystal Bank for the QFTN Net that meets daily at 0200 GMT on 3715. It seems like a very worthwhile venture to have a good supply of these crystals on hand for loan to any Novice that would like to get a taste of Net Procedures.

WA4RRB reported that no less than 30 Novices took the exam for their Novice License. This is terrific and all the members that were involved in running these classes are to be congratulated for a fine job.

Our participation in the recent Florida QSO Party was not too bad at all and there is a possibility that we are in the running for club aggregate consideration. No matter how the results come out, it is agreed that it was a lot of fun.

Plans are getting under way to put the club station W4ZHW on the air for Field Day during the weekend of June 24-25. All members and friends that wish to lend a hand in this event are requested to contact the Field Day Chairman, WB4ONR, and put in your bid for whatever suits your interests. Any ideas, inventions or gimmicks that will work in the field will be appreciated.

Norm Kaplan has been in the hospital in serious condition but there is a chance that he is going to be OK and back with us again.

## SOUTH FLORIDA F.M. ASSOCIATION

By Joyce K4EER and Woody K4ERK

In April the SFFMA was treated to a fascinating demonstration of the LASER beam, by Dr. Hirschberg, Director of Physics at the University of Miami. The meeting was held at the University Physics Complex. Dr. Hirschberg completely captured the 45 members present with his teaching technique and his display of the LASER and the Hologram (3D LASER picture). Our thanks to Rob, K4RDR for his assistance in setting up this fine club meeting.

Perhaps you've noticed our signal has improved. Well, thanks to Joe, WB4HIS, Don, W4AJBI, and Rob, K4RDR, the transmitter and antenna site was moved on RAINY, RAINY, May 6th and 7th. A 9 DB gain antenna now rests at the 300 ft. level at the University. Wait until we go to high power!!!

Remember the SFFMA picnic on June 18th, at Matheson Hammock.

Meetings of the SFFMA are held on the third Monday of each month at the University of Miami. Visitors are welcome.

## WEST PALM BEACH ARC

By Bill Sprague, WB4OUH

From the desk of the new scribe comes this month's news. Our annual election of officers just completed, brought a new slate of club representatives: Pres. Jesse Knight, WB4PPW, Vice Pres. Henry Felton Jr., W4AHXZ, Secretary Bill

Sprague, WB4OUH, Treasurer Ed Lager, WB4SNL.

The club wishes to thank the exiting officers for their fine service in the past year, with special thanks to our outgoing secretary Clara Stables. Surely we will miss her poetic and blunt way with words.

George Clark, WB4TAF, recently bought a new house with special provisions for a super "ham shack," and is just about ready to hang the sky-wires. Clara, WB4NKR has just completed working her WAS and received the award: Nice going Clara!

EC, La Armendoff, WB4RLD, and his assistant Carole Turner, W4MML, are progressing rapidly with a communications plan and practice for Palm Beach County. Along with Bill Howell, WB4PQB, Red Cross Communications Liaison Officer, tests were conducted May 4, 1972, from Belle Glade and the east coast on 75, 8, and 2 meters.

Again, the club plans to operate from MacMillan's Island on Field Day. We hope to beat last year's score and possibly take home the Florida Skip Trophy.

## WESTERN FLORIDA NEWS

By Frank M. Butler Jr., W4RKH

Pensacola: I regret to report W4BYT a Silent Key last month. WB4DHL has a 6m FM repeater going: 51.985 in and 52.558 out. K8B4D made a club interest survey of all FFARA members, with results published in the W4UC News.

Milton: New club officers are: President, K4HOX; plus K4QOJ, WB4JRP and K4RDF. Meetings are first Monday of each month at PJC Milton Center. The Whiting Field club, ex-W4POY, is being reactivated as WB4QGT. K7ZCK-4 reports they have a new S-Line and TA-33 beam.

Fl. Walton-Eglin AFB: WB4KLT repeater frequencies were changed from 24.78 to 24.79 to avoid co-channel interference and be compatible with national repeater standards. W4BPJ is recovering from a heart attack. K4CLM, W4ZBW, W4ZVT, K4UBH, WB4PFF and WB4VUP provided communications on 2m FM for a 2-day sports car rally. WB4ZKK is a new ham in Shalimar.

Panama City: New graduates of K4AHV's classes are W4VXE, W4ZFY, W4ZHR, W4ZMP and W4QEI-4. K4VFF is now the Net Mgr. for QFN.

Tallahassee: WB4GTY reports that hams can continue to get call-letter tags for \$1.00 extra, even though the CB tag bill passed. It looks now like the repeater right will be atop the new Hilton Hotel. A new code and theory class is in progress at the Red Cross building. W4VPL is active on QFTN.

## HOLLYWOOD AMATEUR RADIO CLUB

By Minnie Levine, W4RLS

Congratulations to K4m, WB4LZQ, for getting his second class phone license, and to Alice Stracuzzi who is now W4ZTC.

Field Day site will be Young Circle in Hollywood. HARC will be there in full bloom.

WB4TON made a terrific showing in the November SS, finishing in the top third of the nation.

Tom, WB4CKY and Joy, WB4CKK, are leaving Hollywood for an extended vacation trip through the country. They will operate on the high end of 75 and 80, between 7:15 and 7:30 P.M. local time and hope to contact all of you. They should be back before the year is up.

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Ted, WB4SAC and Georgia, WB4WTX got a new motor home and are planning an 18-month tour of the U.S. We will miss them all.

WB4LAX finally got his antenna up and in working condition. His XYL thought it would never happen.

Our July meeting will be a picnic, to be held on July 16 at T.Y. park. There will be talk-in on 146.94 FM and 3990. Extra added attraction will be an amateur topless go-go dancer contest. Contestants please apply to WB4HML. Be an active member — it's fun. Visitors are always welcome at our meetings.



## Q.C.W.A.-SUNCOAST CHAPTER

By Bill Soehl, W4GHR

It is with deep regret that we report the passing of K4MA, Jack Moore, of Bradenton, on Monday, May 1st. Jack was a Charter Member of the Suncoast Chapter and when we first visited him, we not only found him to be a real gentleman, but also an ardent booster for a QCWA Chapter on the lower West Coast of Florida. Though a Charter Member, he was unable to attend any of our meetings because of his illness. He will be missed by his many friends and Q.C.W.A. members. Our deep condolences to Lenore, his XYL and family.

Through printing error the following was deleted from the May report: "W2SAW, Sax narrated some of the slides taken when he was a member of a DX-pedition to Sorroco Island, off the Mexican coast. Sax did a fine job and his show should come under the banner of 'Trials & Tribulations of a Ham on a DX-pedition'."

The Suncoast Chapter phone Net on 3965 KC, will be discontinued for the season and will be re-activated in the middle of September.

## QCWA GATOR CHAPTER REPORT

By K4PI

The April meeting of the Gator Chapter of QCWA was held on Saturday, April 22 and consisted of a boat trip from the St. Petersburg bayfront dock on the excursion boat to Bahia Beach. Fifty-five members took part in the trip and were joined by twenty-seven others at the excellent restaurant on Bahia Beach where the

business meeting was conducted. After the business meeting members enjoyed a cruise up the Manatee river and viewed specimens of wildlife enroute.

The next meeting will be held in conjunction with the all-QCWA-Chapter luncheon during the Orlando Hamfest at the Howard Johnson restaurant north. There will also be a final meeting in June at the Causeway Inn, Tampa, on the third Saturday unless further advised.

## TAMPA AMATEUR RADIO CLUB NEWS

By Frank Shannon, K4GT

TARC's annual Installation of Officers Dinner-Meeting was held Monday evening, April 17th, at the Causeway Inn, Tampa. Our Past-President, Frank Ziegler, K4EUK, was the Master-of-Ceremonies, and Frank performed in his usual excellent manner. His dry humor was most entertaining. Our usual gang-singing leader, Ray Murphy, was conspicuous by his absence. However, many of those attending were called upon to say a few words — and numerous jokes, etc., were passed around for some belly-laffs. Our new President, Al Cito, WA4MKV, took over the podium, following Frank Ziegler, and he outlined his plans for our future meetings, etc. All-in-all, we had a very pleasant evening!

TARC, following the excellent code and theory classes just recently completed under the tutelage of Seward Van Patten (code instructor) and Ray Murphy (theory instructor) has commenced a second series of classes. George Orth, WA4THT, is instructing in code on Tuesday evenings, 7:30 P.M. local time, and, our President, Al Cito, WA4MKV, will teach theory classes on Thursday evenings, 7:30 P.M. All classes will be held at TARC's clubhouse on Davis Islands, Tampa. Instructions are FREE!! So, tell your friends — beginners — or "upgraders"! Classes have just started. TARC's picnic-meeting will be held Saturday (Noon) June 3rd, on our clubhouse grounds, Davis Islands. Bring the family!

## BARS

By Wayne Tope, WB4TUP

It looks like BARS is going to have a busy month ahead. We are really looking forward to one of the best F.D. operations ever held. We ask that ALL members participate in this activity. Don't forget the BARS Camporee coming up — June 8-11 at Florida Campgrounds. There will be a ping pong tournament. I hope there are no By's there. There will be a 2 mtr. hunt,

campfire sing and pot luck dinner. All Hams are invited (not just BARS members)!

Your editor would like to apologize for not putting an article in Skip last month! Kudos goes to Ralph, WN4TUR for passing his General Ticket.

Do any of you fellows out there have junk laying around the shack that the XYL has been wanting you to get rid of for years? Then call BARS — we will pick it up! Also if you need a tube which is hard to find try our tube collection — 25¢ might buy that rare one! See Don, WB4MVN, for all tubes.

## FLORIDORA NEWS

By Charlotte Frazier, WB4PEL

The Floridors welcome WA4OWW, Perna Paulus and WN4ZHG, Louise T. Carpenter.

K4WXS, Lee has been hospitalized for surgery. She is doing well and hope her recovery is swift and soon she will be able to resume her normal activities.

There were six Floridors at the Clearwater Amateur Radio Society's picnic: W4BIL, W4GPX, WB4FVN, WB4PEL, WB4WPE, WB4YSD. We posed for a picture and had a real long "eye ball" QSO.

We extend our sympathies to W4WPD, Shirley Hill in Tampa who lost her father, and to W4TDK, Naomi who lost her sister-in-law recently.

WA4FJN, Rosalie and WB4PKN, Nesta enjoyed a bus tour to Disney World. WB4PEL, Charlotte went to New Jersey to renew many friendships. She also visited in Dover and Milton, Del.

At the SPARC Hamfest the girls got together for a very pleasant talkfest. I regret I do not have a complete list.

This will be my last column and I want to thank all of you who have kept me posted on the many activities of our members this past year. Good luck in the coming year.

## SUNCOAST ROVING REPORTER

By Cathy Soehl, WB4BAV, ARNS

SPARC has a new meeting place: Red Cross Hdqtrs., 818 - 42nd St. No., St. Petersburg. Meet 1st Fri. each mo. 8 p.m.

The Citrus Amateur Radio Assn., a new Club, covers Citrus and adjoining counties. Meets 5:30 p.m., 2nd Wed. each month, Colonial Hotel, Inverness; Net 9 p.m., Weds., 22650 KHz. Pres., W4LIN, Larry Garland; Trans., K4CVO, Walt Nimmman; and Sec'y, W4EWS, Dick Lahey. Mail add. Rt. 1, Box 117-D, Floral City, Fla. 33536. Congrats & good luck!

WB4CQU, Al Mann joined the Silent Keys April 18th. He will be sadly missed and was known to many as "Keeper of the Screws & Nuts" on the Michigan Screw Ball Certificate.

WA4KPY, Neil Boyle and XYL, Margie, find the house kind of quiet since their son is in Okinawa, with the Air Force and daughter is married and living in Osprey. Neil back on 6 meters.

K4HQA, Art Bond and K4MA, "Jack" Moore recently became Silent Keys. Our heartfelt sympathy to their families. Art did much to help the ham and was outed for the "Art Bond Ground-Plane Antenna" he made for many. W4SAV, Cathy is only one who will always remember Art and he always grateful for all he did to get her on the air.

WANMU, Fred Harriman is instructing a class in Radio at the Dixie Hollins School. Among the members of the class are: WANOK, Jack Adams (to upgrade license) and Betty Peters, XYL of K4RKY. Good luck to all!

K4GGD, Jack and Joce Dyer gained a son, April 30th, when daughter, Debbie, took the marriage vows. Congrats.

## SOUTH MIAMI RADIO CLUB

By WB4JFA

The club has held its second meeting at our new location, the National Hurricane Center and the turnout has been on the upswing with a number of new faces dropping by to look over the club and think about joining.

We discussed Field Day at the last meeting and a site has been obtained and we plan on putting the club rig on the air. We decided to invest in a new vertical antenna for the occasion and we may have on more than one rig on the air.

We had our last social meeting at a restaurant and about a dozen people attended for supper and a eyeball QSO after the meal. The XYL's enjoyed it the most and they found that ham radio is a lot more than operating on the air.

We would like to invite all hams in Miami and Dade County to visit our club on the First Friday of the Month at 8:00 P.M. On a closing note, the club will suspend meetings for the months of July and August, but will activate the weather station if a storm would arrive.

## COUNTRY COUSINS

By Stan Offenhutter, K4BLM

Our annual meeting was held at the Orlando Hamfest and the new Officers were installed. Good luck to them for a

(Continued on page 8)

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## CLUB NEWS

(Continued from page 7)

successful and productive year, and may we applaud the out-going Officers for a job well done.

Your new Correspondent will be Jack Bartley, K4WSB, Secretary and Treasurer.

Al, W4BHF and Bob, W4JWP are back after having spent two weeks traveling, visiting friends and relatives. Congratulations to Will, W4VWY who became a great grandfather for the third time, but this time it was a girl! Congratulations to Coleman, WB4OKS — he passed his extra class license examination! Who can be that smart?

Lee, K4WXS who underwent two operations is recovering very nicely, for which we are delighted; cards were sent to her and we wish her a speedy "get well."

It is with great sorrow to report the passing of one of our faithful Cousins, Jack Landers, W4AD, also of Evelyn Ireland, the XYL of Ward, W4CSU. May they rest in peace.

A big welcome to our latest new Cousin, Ed, K4DRH, it's nice to have you among us Ed.

A special "thanks" to the Editor of Florida Skip, Arthur Clark for making it possible to bring you this column for the past two years; it has been a most enjoyable association for me.

A welcome to all to join us every night at 10 p.m. EDST on 3870 JHz. A certificate is given by the Net. Please check in for further particulars.

## ST. PETERSBURG AMATEUR RADIO CLUB

By Cathy Soehl, W4BAV-ARNS

The SPARC Hamfest was its usual huge success, held May 7th, at Lake Maggiore. There were 423 signed in (which did not include the members of each family).

There were more than 100 prizes and many went home with several, while others, like "yours truly," had only their string of tickets. The big prize, a Galaxy FM-210 2-meter transceiver, was won by Ivan Leo, of Brooksville. Ivan is an old timer, has commercial license and awaiting his ham license.

W4DQS, Dale Strleter, our ARRL Director, gave a rundown on some anticipated changes, etc.

W4ILE, Regis Kramer, our ARRL SCM, reported on activities past, present and more participation and cooperation in the future.

K4FCW, Jim Keys, W4CXL, Jack Faustich, with W4WME, Bill Foley and several others, did a fine job MCing and distributing all the prizes.

The Shelter housing the Swap Shop was a popular place and there was much "wheeling & dealing," as well as "window shopping" done.

The girls at the registration desk, headed



**FIVE OT'ers SWAP GEAR AT GOLDCOASTERS dinner (l. to r.) Paul R. Godley, Arthur H. Lynch, W4DKJ, Ray Guy, W4AZ, the late Roland B. Bourne, W4ANA and George Ruos, W4OIY. See Tribute to Roland B. Bourne by W4DKJ elsewhere. (Photo by H. Muller.)**

by W4TDK, Naomi Spence, did a major job collecting monies on registrations, selling extra tickets and seeing everyone signed in, etc. K4WXS, Lee Kanarian, who "spear-headed" donations for the Ladies' Prizes, was missed, as she was in the hospital, doing nicely after surgery. Lib Franklin, XYL of W4KC, took over for Lee, the tickets sold for these prizes. Congrats to all for a wonderful hamfest!

## MANATEE AMATEUR RADIO CLUB

By Harry Lord, WB4OTJ

The club is starting the 1972-73 year with 47 members. New officers are Milt Sebelik, WB4QQQ, President; Norman Rosedale, WB4HZE and Harry Lord, WB4OTJ, Vice Presidents; Rick Dove, WB4ROX, Secretary-Treasurer; 'Birch' Birchfield, WB4AIW, Activities Officer. Rick, WB4ROX, just received his General and to cap it off we made him Secretary-Treasurer. Since he is a minor (freshman in High School), Harry, WB4OTJ, is helping with the treasurer's duties.

'Birch' is Civil Defense Radio officer and has enlisted 16 MARC members in the RACES program with on the air meeting every Wednesday at 2000 local time. Net operates on 145.41 MHz but steps are being taken to see about feasibility of supplementing the 2 meter net with more

common frequencies on the 3.5-4.0 MHz band.

We hope all county hams who read this in 'Skip' will come to our meetings held at the American Red Cross Headquarters on the last Monday of each month.

## SARASOTA AMATEUR RADIO ASSOCIATION

By Cathy Soehl, W4BAV, ARNS

At the Club's April meeting "A Juicy Story" movie was shown by Dr. Bonnell, of Tropicana. It revealed all the process, from the picking of the oranges through to the bottles, which they also manufacture, in which orange juice is vacuum packed.

WB4JFK, Bill Dougherty, WB4LYU, Jim Cain and K4DYB, "Ozzie" Osborn have been working hard getting arrangements made for Field Day operation. Hope all members will cooperate and a good score is made.

WB4PIB, Walter McLennan is on 2 meter FM, with a Drake ML2 and Chris-Craft 10 element beam.

K4GKI (ex: W2GYG), Win Morris has had 1,700 contacts with W6EJ, Bob Palmer, in Calif., since 1939.

Everyone is welcome at the Club meetings, held the 3rd Tuesday of each month, 8 p.m., at the Sarasota Federal Savings & Loan, So. Trail (U.S. 41) and Bee Ridge Road. May meeting will feature an AAA file on "Trip to Hawaii."

## EMERGENCY COORDINATORS NEEDED

Eastern ARRL Section of Florida needs the following counties covered: Baker, Charlotte, DeSoto, Flagler, Gilchrist, Glades, Hardee, Hernando, Highlands, Lake, Levy, Marion, Martin, Monroe, Nassau, Okeechobee, Osceola, Putnam, Sarasota, Seminole, Suwanee, Sumter and Union.

With the thousands of amateurs we have in these counties, don't we have just one each to take the EC job? The three main requirements are: Hold a Technician license or better, be a full ARRL member and be willing to set up amateur radio emergency communications within your county. Does that sound hard to do? Any amateur worth his salt can do that! For applications write: A. C. Clark, W4IYT, 41 Lenape Drive, Miami Springs, Florida 33166. TRY IT YOU'LL LIKE IT.

## EX CALLS

It is safe to say, FLORIDA SKIP has published more ex-calls than any other publication in the world! Have you sent in yours? Editor:

K4EAL ex W2GUZ  
WB4UFF ex WB2 JEY  
W4LIN ex W2BEM, 8BRB, RKQ  
W4QAV ex W2BVB  
W4DL ex W4IM, NU4EU,  
W4AAR, 4PA  
K4SP ex WB4SQZ, W4KNA  
W4VQS ex W9GRM.  
W4PJR ex W2UEX, W3FNJ.  
K4GKI ex WB4LTU.  
W4RQ ex W4DED, W3JOG,  
J5AC, W4JOG, W9GAP.  
K4HBR ex W1QKI.  
K4AA-W8LO ex W3ZP,  
W9EH, W1ZX, W2ZW, W8BXK.  
W4OVE ex W7GQG.  
W4OZF ex W1GIV.  
W4FWV ex W7ODK.  
K4PB ex W9HKA, W9GV,  
W8JII.

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## VHF'ers COLUMN By Frank Shannon, K4GT

Silent Key, Al Mann, WB4-CQU, of New Port Richey, passed away April 17th. Al was very active on 2 Mtr. FM and a member of the well-known Medicare Net on 6 Mtr. SSB. We will miss Ole Al!! He died of lung cancer. Your Scribe attended the funeral services, along with K4ATW and W4BUJ. The Medicare Net members joined in flowers for Al, also participated in donation to American Cancer Society in his memory.

PUBLIC SERVICE. Tampa Bay

### FLORIDA QSO PARTY REMARKS

"Fine contest, plenty of Florida activity which made it interesting. W9J00, Wabash, Ind. ... Very good QSO party, bands conditions were not as good as last year but had more time and better antenna. Bob, WB0CCB, Denver ... Excellent participation. Short of time due visitors. Larry, WB6IEH, Midway City, Calif. ... Thoroughly enjoyed Party and think it is one of best in country. Band condition in early part were lousy and 10 and 15 being dead. Ad my score to Hollywood Club aggregate score. WB4H-ML, Hollywood ... FLORIDA SKIP announced its annual SQO

Repeater Association has added another to its long list of such public services — this last one had a goodly number of membership participating as "communications-coordinators" for the recently held, Saturday, April 29th, "clean-up," Project SOAR (Save Our America Resources). The cities involved were Tampa, Brandon and Plant City. Some 4,000 Boy Scouts, Cub Scouts, Girl Scouts and Brownies participated in gathering up litter and trash from the streets and environments — some 42 tons in Tampa and Brandon, not including Plant City!! Jim Hinchey, K4RMU, President of Tampa Bay Repeater Association stated that some 15 TBRA members, plus two volunteers from Univ. of South Florida Radio Club, participated with their respective mobile and portable rigs. Quite a communications coverage! A

Party in April QST, but made no mention of info to be exchanged between station. Also, what happened to 40C.W.? Dave

WA1JSD, Derry, NH. (Editor note: We goofed on that and date. Sorry OM) ... Enjoyed it and congratulations to W4CKB the best fist and best signal heard 12 miles north of Mexico in Arizona. Bill, W7GAF ...

Really a fun contest. Got 10 new counties towards WSA-CA! Hope see you all next year. John, WB4RUA, Calhoun, GA ... Nice to have the opportunity again of participating in your Party. VE1EK, Halifax, NS.

job well done, fellas!! Now, let's hear from other VHFers regarding their public service activities — your Scribe would appreciate your correspondence, so we can use it in this column!

CLUB PUBLICATIONS. Thanks to K4ANW for placing us on mailing list for the South Florida FM Association! Read in aforementioned publication that the "Palmetto Amateur Radio Club," located in North Dade area, plans a "closed-repeater" (limited to 30 members!). The repeater is to be located in North Miami Beach area. For additional info contact Kris, W4ZHD — believe freqs are to be 25.35 — mmmh!!

WELCOMES TO 2 Mtr. FM: WB4HEA, Bill, of Madeira Beach, using a GE Prog.

100 Watts, to a commercial-type LP antenna. Invited Bill to attend our Tampa Bay Repeater Assoc. meetings held 2nd Tuesdays each month. Also, welcome to newcomer to our FMers, K4AGA, using an HR1A, to a Diplomat antenna. And, to Jim Brandt, WB4YPC, Tampa area, using the latest Clegg 22'er-FM both mobile and base.

8 Mtr. AM NET. Clearwater Amateur Radio Club sponsors a net called Early Birds on 50.7 Mhz, vertically polarized, weekdays commencing their roll call at 06.15 local time — AM, that it!! Believe it or not, the net averages some 17 to 20 check-ins daily! Their NCS rotates every week — you are invited to join, anytime. Oh, yes, code practice on Tuesdays!

### TRAFFIC NETS

NET	FQCY
GATOR	7115
QFN E	3651
QFN L	3651
4RN E	3567
4RN L	3567
OFTN	3715
EAN	3670
CAN	3670
RN5 E	3645
RN5 L	3645
FPTN	3940
FMTN	7254
TPTN	3940
FAST	3940

\*DY except SUN

### DAYLIGHT SAVINGS SKED

GMT	DST
1230	8:30A
2300	7:00P
0200	10:00P
2345	7:45P
0130	9:30P
0100	9:00P
0030	8:30P
0130	9:30P
0030	8:30P
0230	10:30P
1100	7:00A*
1600	NOON*
2130	6:30P*
2230	6:30PC

CDY except SAT

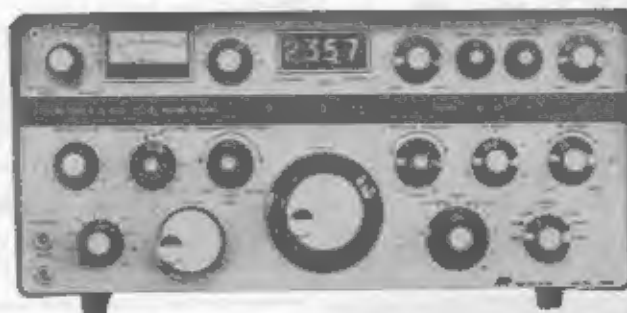
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## FLORIDA PHONE TRAFFIC NET

By CASE, NET MANAGER FPTN  
Since the change to Daylight Savings Time we rewrote our call-up printable to say "AT ELEVEN HUNDRED ZULU OR ABOUT 3940 KHZ." which is 4110 7 A.M. local time. Have a bad wrist from

autographing all those pictures in the MAY issue of Florida Skip. Can't say much about that New Broad Band Receiver they gave me to use. First time I used it, it shifted a little.

Birch, WB4AIW, should be back from his trip to Europe about the last full week in May. Roy, K4EJW, has a new voice in his neighborhood at Silver Springs. Her name is Louise and she is WN4ZJH as well as Roy's wife. Herman, WB4FJY, moved into one of those fancy condominiums that won't allow "unofficially" antennas of any sort so it was suggested that he put up an invisible one and be mislabeled it and hasn't been able to find it since.

Stan, WA4VCK, is looking for a tower for his new location. Howard, WA4CIQ, said that the 1,000 foot tower of WESH-TV at Orlando City is up for grabs. If Howard doesn't put it to use, Stan, think you could use it if the neighbors won't mind? And are we glad to hear Kaye, K4YFN, of Inverness back on the "mike". He has been using his fist for awhile running about a hundred. No! Ten. No! That's it, one wall of high power. What some people will do to get on ham radio. For their picture in Ship! Fellows read Andy Clark's Editorial on page two (2) of the May issue of FLORIDA SKIP and take particular note of the last paragraph. Betty and Andy should be given a rotating and rising round of applause for all the hard work for 15 years of putting out one of the finest publications on Ham radio for you and me! My comment, Andy, if they stop FLORIDA SKIP I'll become an (Illegal) CBER. There just ain't nothing worse than that. Come on, gang, write to Andy and let him know how you feel about his comment.

Hope the lucky winner of the big prizes at the Orlando Hamfest are enjoying them.

## FLORIDA MIDDAY TRAFFIC NET

By Herb, W4LSR

By the time this issue of Skip reaches you the Orlando Hamfest will be history. Elmer and I look forward to eyeballs with all of you who attend and we hope you will find the new location to be the best ever. Nat, W4YSO, our favorite snowbird, has flown back to the Tennessee mountains for the summer. A number of others who are active on this net each winter, have returned to their summer hideouts. Soon we will be welcoming back the college crowd for the summer.

Our only new member in April is Marl, W4FR, in Dunedin. Welcome Marl.

So many rumors about license plate costs are flying around, we don't know

what to believe. It is nice to know our legislators appreciate our Public Service efforts???

FMTN held 25 sessions in April. 751 stations handled 367 pieces of traffic. Average stations were 80. Average traffic 16.7.

## TROPICAL PHONE TRAFFIC NET

By Scott, WB4PTH

Always willing to take the initiative, this station (with the assistance of our net manager, Andy, WB4NCH) will be informing you about the goings-on at 3940. The TPTN is a small but efficient phone net, and we meet daily (except Sunday) at 3:30 p.m. EDT.

Because this is our first article, I'd like to introduce our net: W4AFL-4, W4BCZ, WB4EXN, WB4GCD, WB4OAA, K4OER, W4SCV, WB4SKJ, WB4SQA, WB4SZS, WB4UOC, and WA4WBM. Net control stations (Mon. thru Sat.) are: WB4PNG, WB4NCH, WB4PTH, WB4SK, WB4VOS and W4SMK.

Our TPTN-QFN liaison operations have been pretty successful. There were a few misses early in the program, but we're pretty consistent now. Thanks to liaisons: W4AFL-4, WB4NCH, WB4PNG, WB4PTH, WB4SQA, and WB4VOS.

Look for Dave, WB4PNG, to be starting a "DeLonga Net" pretty soon. Not only is his uncle a ham, but his 10-year-old brother is now WN4ZSE. Congratulations and welcome, Wayne.

NET CONTROL HEADACHE NUMBER 3940. The station that moves off to pass traffic, passes it, and then starts an unauthorized QSO with the other station while the NCS waits for him to return... MORAL: Always return to net frequency immediately after passing your traffic. If you want an informal, ask the NCS for his

O.K. More than once I've had to hold 20 or so people on frequency for over 5 minutes while I waited for a needed station. —End of message, no more — 73— Scott.

## GATOR NET

By Ev, W4IA

With the advent of Daylight Saving Time and the approach of summer, 7 MHz is starting its yearly tantrums so far as GN is concerned. Attention is invited to the fact that when conditions on 7115 kHz are unworkable, the NCS shifts to 3651 kHz and carries on net operations. This will occur soon after the 0300 EDT opening of the net in most cases. So, listen first on 7115. If there is nothing going on or if signals are very weak, go on down to 3651 and look for the NCS. It happens on rare occasions that both 7115 and 3651 will be bleak. In such cases, and if you don't succeed in reporting into the NCS, let the net manager (W4IA) know and you will receive credit for a QNI that day. So, see you on 7115 and/or 3651. 73, Ev, W4IA.

## FLORIDA FAA NET

By George E. Cooper, W4EH

W4EH Ham Tip... If you have a 3-400Z or 3-500Z setting on the shelf due to a short. Try the following. Take a 80 to 100uF condenser, charge it with about 400 volts (thence short the condenser between breaker and grid. With a little luck the resulting spark will remove the short.

A special THANKS to John Schumiller, W4ASN, on his fine effort and hard work in having the "Federal Airways Get Together" at Leesburg, Fla.

John "Commodore" Zwaska, W4WKQ, with his new boat the BARBIE 8th heading back to his summer home in Shalimar, Fla. after spending the winter in Punta Gorda.

Let Sauke, W5FS, Houston, Tex.

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## TOP TWENTY TRAFFIC HANDLERS

By W4ILE

1. WA4IJH	460	11. WA4NBT	118
2. K4SCL	427	12. WB4PNG	117
3. W4AFL-4	312	13. WB4HJW	104
4. W4ILE	278	14. K0BAD-4	103
5. WB4OMG	271	15. WA4SCK	102
6. K4VFX	225	16. K4FAC	96
7. WB4VOS	131	17. W8BZY-4	96
8. WB4PTH	130	18. WB4HKP	95
9. W4FFF	125	19. W4SDR	88
10. W4IYT	122	20. W4DVO	87

## TRAFFIC HOUNDS

By W4ILE

NET	QNI	AVG QNI	QTC	AVG QTC	SESSIONS
QFN	998	16.6	785	13.1	60
FMTN	751	30.0	267	10.7	25
GN	351	11.7	275	9.2	30
TPTN	387	15.5	200	8.0	25
FAST	602	24.0	117	4.7	25
FPTN	368	14.7	75	3.0	25
QFTN	236	7.9	81	2.7	30
VEN	230	7.7	18	.6	30
WFPN	Missing	-	-	-	-

recently retired from the FAA and is in Florida looking for a permanent home. Welcome in Florida. Les

Bill Smith, WB4RZW with a new travel trailer planning a trip to Calif. and will take his recently acquired SR100 along. Don't forget, Bill, to advise the FCC of your route of flight.

I received a letter from Charlie Hess, W4POV, La Grange, Ga. This letter brought back many fond memories as Charlie, an old friend and former supervisor of mine and certainly one of the best in the business. Charlie says he is moving to the Monday FAA CW net on 14072 and also usually on at 1400 and 2100 GMT.

Would like any or all of the following old timers from the old Miami Overseas check into the Sunday net. Olive Olson, WB4USF

Theron Wheelock, W4BYZ Pete Susko WB4ICK John "JH" Robertson W4GZQ. Last but not least, the Editor of Florida Skip, Andy Clark, W4YTT

# QFN REPORT

By WB4OMG E.Fls RM

This year for the first time in several years, early QFN remains on 80 meters during Daylight Savings Time. With the downward trend in the sunspot count, most QFNers felt that 40 meter operation this year would generate more problems rather than relieve us of any. As the sunspot cycle progresses to a min, its effects on QFN and the NTS are easily seen. During the summer of 1976 the early session of QFN operated on 7085 kHz. We seldom had any trouble with long skip and

whenever we ran into trouble on 80 meters a quick qny to 40 meters always solved our problems. Summer of 77 was somewhat different. We lost short skip on 80 meters early in the evening. Sometimes as early as 7:10 or 7:30. Whereas the summer before we often QN'd from 80 to 40 due to conditions, the reverse was true during the summer of 77. This summer things will be worse. With a still lower sunspot count, 40 meters will probably be unusable even during the early evening hours for paths less than 200 miles. If the going gets rough on 80 due to static or commercials, we're just going to have to try harder. We no longer have an easy way out of the QFN. By chance if some non-traffic type should read this, you ever consider trying traffic? If you think you might be in-

terested, listen on 3895 kHz at 7 or 10 p.m. EAST some night. If you want to know who's traffic and public service is all about, a postcard to WB4OMG will bring you some information.

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## IS YOUR GROUND GROUNDED?

By Harry A. Cole, W4DLL

2213 Hennesen Drive  
Clearwater, Florida 33516

Here is some advice for the Novice, as well as many of us Old Timers. Like thousands of fellow amateurs, I have depended for my station's ground upon that friendly and convenient old water pipe. It must be a good ground, because I have ever had the unlucky experience of handling some piece of faulty electronic or electrical gear and come in contact with a water-pipe and lived to tell about it, you are indeed one of the fortunate types.

Last year I bought a new brand-name SSB transceiver, which I used for several months, feeding a dipole and using a water-pipe ground. Results left a lot to be desired, plus such side effects as TVI, RF in my telephone and interference with my FM stereo receiver.

Soon after the first of this year I bought a high quality Tri-Band beam antenna and 40-foot tower. Considerable improvement in signal reports was the natural result, but those "I" factors still persisted — the TVI, telephone and FM stereo. Something had to be done, because the SWR at my pet frequency was less than 1:1, with my low-pass filter and transceiver ground connected to my handy water-pipe ground, located just outside the shack window.

"Ground," I thought more about this and decided that would be the first point to investigate. Having gone through the local department store one day, I spotted a ten-foot length of 3/4-inch copper tubing, which sold for about \$6.75 per length. I put one into my station wagon and headed home.

The first thing I did was to completely tin about one inch of the end of the copper tubing. I learned not to depend on my 100 watt soldering iron, so using a boost from a butane torch, my cigarette lighter turned up high. I got a smooth, even coating of solder over the end of the tubing. Next, I took two turns of about no. 8 copper wire, pre-tinned of course, and wrapped it around the tubing. Again, with the aid of my butane cigarette lighter and 100 watt iron, I got a good, solid solder connection to the no. 8 copper wire.

Getting a ten foot length of tubing into the ground could be quite a chore, but (I was told later), if you start by putting a water-hose at the top of the tubing, requiring the use of a stepladder, you can easily snake the tubing down into the earth, particularly if you have a sandy soil, as we do in Florida. It could present problems in areas of the country where rocky hard-pans are close to the surface of the earth.

Once I got the copper tubing down about three inches below the ground's surface, I clipped one ohmmeter lead to my new "ground" and the other lead to my convenient water-pipe "ground." The meter showed a difference of 55 ohms! (And all this time I thought I had a good ground.)

Once establishing a really good ground, I ran leads from the

ground point to the base of my tower and to the window entrance to my shack (all under-ground and buried) so my XYE would not object to an unsightly mess of wires in the yard. She is happy, and so am I.

Now, with as nearly a perfect ground as I could get, the "I" troubles have disappeared from the TV, telephone and FM stereo. The only "I" problem remaining is "HAI". I can't keep my signal out of Grandmother's Hearing Aid.

This grounding situation could be improved upon by running a group of radials out from the ground rod, but this will come later when enough copper wire and ambition are available to me at the same time.

A few words of caution are in order. If you use a conventional 3/4" diameter copper-plated ground rod or galvanized water-pipe for your ground rod, you may expect (particularly in sandy soil) for abrasive action to cut through the top coating only to cause problems of corrosion-rust to develop in a few years. The copper tubing is relatively inexpensive, and has a much longer life expectancy, so that its initial cost far outweighs its initial performance and life expectancy.

To summarize, if you want a "grounded" ground, forget about your water-pipe and put in a good (and low-cost) ground system. It doesn't cost too much to go First Class.

## TWO GALS AND A GUY

By Al Subr, WB4AID

It was a beautiful day, not much was going on, knock on the shack door. It was my neighbor, Ron and Pinder, President of the Singles Club of West Palm Beach. Wanted to know if his group could have a demonstration of Amateur Radio Operations. Since I was then working ten meters on long skip, I said OK. Date was set for April 23rd, the request being made on April 2nd. Since the president is my neighbor, it looked like fun.

Many days passed. Ten meters appeared to be in fine shape. Seven days before the

23rd something happened up there. The band dropped out of sight even short skip didn't seem too strong, and it looked like a 'no go' on ten. I happen to be a ten meter nut and I was hurt at being let down. Really worried, too.

Well, a commitment has been made, so XYE. Jane and daughter Carol were asked to assist as four gals. We took 156 of the nicest QSL's and mounted them in plastic holders and then these were attached to an eight foot one by two and suspended outside on the patio wall. This made it easy for the girls to explain much of Hamming before each small group visited the shack.

Ten meters made an amazing recovery on the afternoon of the 22nd and by the morning of the 23rd, showed great promise. Sure enough, from two till five the five groups of three heard Amateur Communication calls with 1P, 2X, 3Y, 4V, 5E, 6P, 7B, 8C, 9W and WA0YML, who indicated their desire to assist.

Of course WA4TEN of Lake Worth and WB4RLU of West Palm Beach were sort of standing by just in case problems arose. Certainly appreciate their consideration.

It was a "mini show," but it was lots of fun, and fifteen or more people were introduced to the Brotherhood of Amateur Radio from the station of WB4AID, Lake Worth, Florida.

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## WEST PALM BEACH AMATEUR RADIO CLUB, INC. W4HAW

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Southboro Station  
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Meetings: First Wednesday of each month  
— 7:30 P.M.  
823 Newark Street  
West Palm Beach, Florida 33401  
Information: Call 833-4775, 582-2337

## NORTH FLORIDA NAVY MARS

By Bonnie Wieboldt,  
N0PJQ, WB4FSF

Chief Poston, our District  
Director is making plans to  
attend the Orlando Hamfest.  
Frank Morrison, NAV-6 is  
hoping to make the event also,  
but is not certain as to whether  
or not he will be able to attend.  
All hands should attempt to be  
on board for this meeting as it  
will be very informative for all.

All stations should note that  
the code "DOD-316" should be  
placed on the franked envelopes  
directly underneath the eagle  
on the envelope.

We have several new stations  
in the North Florida Area. They  
are: N0S-RAP, ZFL, UIO, UFO,  
SKM, SWK, SUQ, SIR, SEO,  
RTD, LUQ, and JGZ. All net  
control stations should make  
note of the new stations and  
their locations when they check  
in on the nets, and attempt to  
send the traffic to them, rather  
than continuing to send it to the  
stations who have been taking it  
for long periods of time. This  
will keep the new members  
from becoming discouraged.

Jim, N0LNB is now on  
teletype. He is also our new  
Emergency Coordinator for the  
area. Way to go, Jim.

All stations should attempt to  
use the outlined procedures in  
DNC-8, so we can set a good  
example for the new stations.  
MARS procedure is not dif-

## PLAYGROUND AMATEUR RADIO CLUB

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Meets 1st Wednesday of month at 7:30 p.m.  
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Sec: 183 Miata St., Fort Myers, Fla. 33905  
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## NORTH FLORIDA AMATEUR RADIO SOCIETY W4IZ

2nd Thursday, 7:30 P.M.  
Duval CD Headquarters  
107 Market Street  
Jacksonville, Fla. 32202

icult, and should be followed.  
Band conditions are steadily  
improving, as is the traffic.

## AIR FORCE MARS

By J.R. Hopkin Jr.,  
WB4BND, AF4CND

Let's put a few people on the  
back this month. We'll start  
with our hard working CW mode  
manager, Ken Gennett, AF4ME  
(W4ME). As you are no doubt  
aware, CW is becoming a lost  
art. The Air Force is phasing it  
out as a primary method of  
communications but Ken and  
his net keep going along full  
speed as before. Besides being  
mode manager, Ken is also  
running a training net for new  
CW operators on frequency  
7330.5 Saturdays from 2000 to  
2100 Z. As training manager for  
the region, I get his training net  
reports and can assure you CW  
is far from buried at the present  
time. New people keep showing  
up and joining in. A lot of  
novices join the MARS ranks  
this way. Perhaps by this in-  
terest, Ken can get them to  
change their minds about  
abandoning CW as proposed  
now for the near future. I hope  
so, as a good CW fist is still  
music to many of us still.

Next, we give the RATT  
(teletype) manager, Al Levy,  
AF4NRE a thump on the back.  
Since he has assumed the  
managerial reins RATT has  
made a great comeback after  
many setbacks. With very little  
assistance except among

## TAMPA BAY REPEATER ASSOCIATION WB4HAE

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## SOUTH MIAMI RADIO CLUB K4JVA

Meets 1st Friday of the month.  
National Hurricane Center  
Room 462  
Univ. of Miami Main Campus  
For more info. Call 443-4302

## SARASOTA AMATEUR RADIO ASSN. INC.

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8 p.m.  
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Club Call W4IE in memory of Charlie  
Service

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FLA.-HURRICANE 1400Z MON 7009 K4PI  
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YANKEE 1400Z MON. 3670 W2ZT  
EASTERN 1500Z SAT. 7100 W2GW  
INFO & MAIL. K4PI or write SOWP P.O.  
Box 530, Santa Rosa, CA. 95402

themselves, the net has built  
back up to where they have 32  
active stations checking in  
regularly. Having a permanent  
frequency (4590) has also  
helped. Lamar Hill, AF4BOL,  
also runs a RATT clinic on  
7330.5 immediately following  
the CW training net for those  
interested in participating in  
the RATT mode of com-  
munications. They are on lower  
sideband for those not  
operational on RATT yet. Listen  
in sometime, and find out just  
how hard these dedicated  
people will work to help anyone  
who is attempting to get  
something working so they can  
join the RATTPACK.

## NAVY MARS — SO. FLA.

By Jim Wilson, N0WCK

The Navy-Marine Corps  
MARS operators of So. Florida  
forego their regular column in  
SKIP this month to pay special  
tribute to two people who have  
done much to develop our  
MARS program — Betty and  
Andy Clark.

As producers of that fine ham  
magazine FLORIDA SKIP you  
have contributed greatly to the  
National Defense Program  
through publicity given to  
MARS.

We know this fine publication  
is put out with great sacrifice by  
both of you. If we could award a  
Navy Cross you would each get  
one.

We sincerely hope you can  
continue SKIP.

The men from MARS

# LETTERS

(continued from page 2)

feel I can no longer advertise my membership in the select group of Amateur Radio operators now that the Florida Legislature has decided that Florida should aggrandize and patronize a group, the majority of whom have no regard for law, order and Federal regulation.

I think C. J. Hoffman, K8RUG in his article in SKIP on page 13, has clearly tagged this group for what they are. Thank goodness, our "esteemed" legislators haven't gotten around, as yet, to make it mandatory that we, as Amateurs, must have call-letter plates.

However, there is one item in your editorial that I am not sure is correct and I think it should be explored. In so far as I know the 1972 Prestige Auto Tag bill passed by the Florida legislature does not affect or supersede the present legislation under which Amateurs presently receive their Amateur call-letter plates. If this is so, the cost to the Amateur should no change.

Granted that this won't last long — the CBers will holler if they have to pay more than those Amateurs who won't object to being categorized with them and continue to use call-letter license plates.

But what is of more than passing interest to most of us who have been residents for several years is the fact that a few years ago the Florida legislature passed a pay bill increasing their pay by 1000 percent and added beneficial extra emoluments. The reason given — This will enable the legislature to attract better qualified personnel as law-makers. The history of the Florida legislature, since that time, is replete with mistakes, bad bills, conflicting legislation, etc.

In my opinion, the passage of the Prestige Auto Tag legislation of 1972, by including CB operators within its

provisions is a typical example of the irresponsible, to-hell-with-Florida-thinking-of-our-higher-priced "better-qualified?" legislators.

Sincerely and 73,

Al Marcy, W4ID  
Kau Galle, FL 32977

Editor:

I wonder if any of the readers of FLORIDA SKIP could give me the address of Mr. Roy Niehaus, formerly W0FEU of Florissant, Mo.

Roy and I are old friends and were employed by Autotronics Corp. in Florissant. Roy moved to Florida over 8 years ago and I do not have his Florida Address. Can anyone help me?

73,

A. Edw. Terpening, W4VCY  
638 Darlington Road  
Tarpon Springs, FL 33589

Editor FLORIDA SKIP:

No better way known to the writer may the Florida Amateur Radio keep informed than through the pages of "FLORIDA SKIP."

In reference to your May Editorial I would like to comment:

Now the CBers have the privilege of using their automobile license plates to display their call letters let all Florida Hams stop using our call letters displayed in a similar manner. The public, and the Ham Fraternity need to know and have publicized just who is causing 99 percent of the TVI for which the hams are blamed.

We, of the Citrus Amateur Radio Association, live in a TV fringe area. Our nearest TV station is more than 50 miles distant. CBers with equipment about which a scarce few know anything, with their over modulation, spurious radiations, illegal power and operations are causing untold cases of TVI, and they care less simply blaming it on licensed

amateur operations. (They have the bigger and more impressive antenna systems.)

I shall proudly display my call sign on the rear window of my car using readily available neat decals. They show up better and cost considerably less. So let the CBers fill the State coffers.

Larry Goriand, W4LIN  
Inverness, Florida

Dear Mr. Editor:

I will no longer be able to write the DX Article for Skip. Due to time, finances and

many other factors I am giving up amateur radio as a hobby and selling my rig. Maybe after I finish college I will go back to amateur radio.

I did enjoy writing the Skip and I hope you will be able to find someone else to continue it.

Thank you for all your help.

Yours respectfully and 73s,  
Phil Reid, WB4QNC  
St. Petersburg

(Editor's Note: Thanks Phil for being our DX editor. Now we are looking for a replacement. Any takers? We can't print it if we don't get it.)



CHIP VERES, WB4QNC, thought the Florida QSO Party was fun. Chip lives in Miami. "It feels great to be chased instead of chasing ... thanks to all my out of state stations that caught me..." (See scores elsewhere.)

## ROBOT

For \$495 you can operate a two-way Robot SSTV station.



ROBOT MODEL 70 MONITOR .....	\$495.
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Now with the purchase of a Robot SSTV monitor only, Robot will make you a free personalized SSTV tape that will enable you to transmit a video SSTV signal without having to own an SSTV camera. After you have purchased your Robot monitor, just mail us the call sign card, photos, drawings, etc., that you want on your tape, and we will make up a five-minute tape for you (reel or cartridge) and send it to you by return mail. You then simply play the tape on an audio tape recorder that is plugged into the mic jack of your transmitter or transceiver, and you are transmitting an SSTV video signal.

Now, for just \$495 (the cost of the Robot SSTV/Monitor alone) you can join the many amateurs who have already made great progress towards their WAC, and WAS certificates and working their first 100 countries on two-way SSTV



# HAMBAR

HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateurs, at a rate of 50 cents for 35 words, and 5 cents a word thereafter. NO AD WILL BE PRINTED UNLESS ACCOMPANIED BY FULL REMITTANCE! Re-run ads must be resubmitted each month, no \$1.00 for two insertions, etc. No Hambar accepted via telephone.

Non-subscribers rate is \$1.00 for 35 words and 5 cents each additional word.

To Commercial Business: Classified, undisplayed — 50 cents per line. Illustrative or General Display with border — \$3.50 minimum, \$70 page, including lay-out.

Deadline 10th of month for all ads.  
FLORIDA SKIP, INC., Advertising Department, P. O. Box 501, Miami Springs, FL 33166.

**FOR SALE: COLLINS 1543** receiver in exceptionally good condition. Johnson Ranger I transmitter with low pass filter and T-R relay. If interested please call or write. Brian Clark, WB4FHW, 1134 N.W. 30th Ct., Ft. Lauderdale, FL 33311. Phone 305-565-0905.

**QUAD — 2 element bamboo.** Used for experimental purposes, but no further use for it now. Sell for \$25.00. You pick up. L. W. Van Slyck, WAYM, Skyline Products, 406 Bon Air Ave., Temple Terrace, FL 33187. Phone 813-988-4213.

**FOR SALE: B&W 5100** transmitter, 515B sideband generator, 80 to 10 meters (SSB-CW-AM), excellent condition \$125.00. Hammerlund HQ-100A recently factory aligned \$175.00. Johnson TR switch \$15.00. Eico AC VTVM \$12.00. Milt Jennis, W4PMC, 318 - 9th Terr., Indian Creek, FL 32993. Phone 305-727-2810 or 727-4887 Office.

**FOR SALE: Drake TR-4** transceiver with AC-4 power supply and PP-1 crystal oscillator accessory plus Drake L-4B 2KW PEP linear with L-4PS power supply plus brand new spare set Eimac 3-500Z tubes. World's finest equipment in perfect condition. First \$175.00 cash, no trades. Rex Bassett, W4QS, Box 4183, Ft. Lauderdale, FL 33304. Phone 305-584-6181.

**FOR SALE: DRAKE R4B, T4XB, AC-4, MS-4, W-4, Shure 444** as package: SWAN Mark I, 2 KW amplifier. Robby Terry, WA4BYV, 517 - 38th St. West, Bradenton, FL 33505. Phone 813-743-9653.

**FOR SALE: HW-100, a.c. power supply, speaker, mike \$250.00** or best offer. Buddy Morgan, WB4OMG, 618 Lake St., Starke, FL 32081. Phone 904-964-9437.

**FOR SALE: 180 meters, Viking II** with built in FET, 160 meter receiving converter and VFO. \$50.00. Ten-Tec transceiver 80-40 meters, VFO controlled, speaker output, 12 VDC operated \$30.00. Unused tubes (2) 4CX250B (3) 3BP11A \$15.00 each. Heathkit phone patch, like new \$30.00. Bob Patton, W4OZF, 3311 W. Nassau Dr., Miramar, FL 33023.

**FOR SALE: Ameco high freq. preamplifier model PH** with instructions \$6.00. Essentials of Radio by Slurzberg & Osterheld, hard copy 361 pages. \$2.75. RG11-U, 7 cents a foot up to 100 feet lengths. QST and CQ 10 cents each plus postage. B&W 5 position coax antenna switch \$7.00. Johnson 100 kc standard with switch, xtal and instructions \$9.50. Heathkit Hi-Fi FM tuner Model AJ-31 \$15.00. Heath UA-1 amp \$100.00 both for \$20.00. National NC-240D with matching speaker \$85.00, 6 meter beam \$5.00. Andy Clark, W4IYT, 41 Lenape Dr., Miami Springs, FL 33166. Phone 305-888-3874.

**FOR SALE: Hallicrafters SX-101** receiver. Motorola Motrac single frequency with crystals for 146.940 1970 model, but never used. If you can use either of these, make me an offer, must sell. A. W. Tyler, WB4IEB, Rte. 1, Box 35-U, Archer, FL 32018. Phone 904-495-2114.

**SELL for WA4DB. Drake 2B** and Q-multifiler, speaker, looks good, works fine. \$170.00. Owen A. Thompson, K4LV, RFD 2, Three Lakes, Umatilla, FL 32784. Phone 357-5149.

**FOR SALE: KWM-2** with AC & DC supplies Webster Bandpasser Antenna and cables \$700.00. KWM-2 and 516-F2 supply \$625.00, 75A-3 rcvr with product detector \$260.00. KWM-1 with AC & DC supplies \$335.00. 312B-5 station control \$235.00. Hammerlund HXL-1 linear \$225.00. Hallicrafters SX-100 Rcvr. \$135.00. SBE-34 transceiver \$175.00. Swan 175 transceiver, as is \$45.00. O'Hauled Ham-M Rotor \$60.00. Mays Electronic Corp., 666 E. 25th Street, Hialeah, FL 33013. Phone 305-836-4146.

**AWA. ROBOT SATV, SIGNAL-ONE, ALPHA 77A, COLLINS, KENWOOD, TEMPO, KW ELECTRONICS, DX ENGINEERING, OMEGA-V, SBE, FM: GLADDING, SBE, CLEGG, STANDARD, TEMPO, DY-COMM, SONAR, ETC. ANTENNAS: HI-GAIN, MOSLEY, WILSON, CUSH-CRAFT, MINI-PRODUCTS, HUSTLER AND E-Z WAY TOWERS. NO ONE ANYWHERE BEATS OUR DEAL! We will TOP any offer. NEW SB-144 FM transceivers, 12 chan with 34-94, 94-94 and 16-76 supplied, 10 watts, 12v DC, (reg. \$239.95) OUR PRICE \$203.50. with AC (reg. \$259.00) OUR PRICE \$223.45. New GLADDING 25 FM transceivers, 25 WATT OUTPUT, 6 channels with 34-76 and 94-94 supplied, independent xmit-rcv switching, 12v DC built in (reg. \$249.95) OUR PRICE \$208.50. with AC supply (reg. \$299.95) OUR PRICE \$254.00. HAM-M's \$95.00, Hy-Gain TH6DX \$149, HY-QUADS \$110. Trade in equipment: Collins 325-3 and 516F-3 (latest) \$89. National NCX-3, Cal. and AC \$108, SBE SB-2LA Linear (like new) \$129. Swan Cygnet 1200 watt linear (like new) \$135. Drake SPR-4 rcvr, MS-4, Spk, amateur xtal, (2 mos. new) \$349. Heath HW-18-3 180 meter rcvr w-HP-23AC \$139. AMATEUR-WHOLESALE ELECTRONICS, 8817 S.W. 129 Terrace, Miami, Florida 33156. Phone: (305) 223-3631.**

**FOR SALE: Drake R-4 \$350.00, T4X \$350.00, L-4B \$650.00, MS-4 \$15.00, AC-4 \$75.00.** All like new. E-Z Way tower 60-3 crank up tilt-over with TM-90C Telerex antenna, balun and Rotor, also spare Ham M rotor \$1,000.00. Mosley TA-33 Jr. \$30.00. TR-44 Rotor \$25.00. Lyle Lettner, WN4YB, P.O. BOX 982, Coconut Grove Sta., Miami, FL 33133. Phone 386-777-4470 or 634-2853.

**FOR SALE: Over 100 back issues of QST, 73, CQ and Ham Radio \$15.00.** Heathkit solid state utility meter model IM-17 \$20.00. Crown-corder, 2 speed reel to reel tape recorder \$25.00. Need freq meter or 2000 watt wattmeter with freq handling thru 50 MHz. Have camera will swap. Write for details. Norman Ward, K4RBR, 10674 N.E. 11th Ct., Miami Shores, FL 33138. Phone 754-7496.

**FOR SALE: Hammerlund HQ-140X** receiver, excellent condition, has crystal filters, general coverage with ham band bandspread, matching speaker and manual first \$50.00 takes it. You pick up. T. L. Kramar, W4NR, 112 N. Spruce Ridge Trail, Stuart, FL 33904. Phone 387-1387.

**FOR SALE: Viking Banger exciter Ser. 61900** and schematic all A-1 phone and c.w. \$60.00. You pay shipping or will trade for good general coverage amateur receiver. Fred W. Rudolph, K4PBC, 3035 Shakespeare Dr., Lakeland, FL. Phone 588-2976.

**WANTED: 230 V., 30 amp Variac** for Baptist Hospital in Gaza, Israel. Must be cheap in view of cost of overseas shipping. Charles Campbell, W4HIG, Missionary Orientation Center, Pine Mt., GA 31822.

**ATTENTION Dade and Broward Operators!!!** All types of business printing and necessities as well as business cards and letterheads for amateurs are available at low rates. Sorry, no QSLs. Frank Haas, WB4HKK, 636 West 47th St., Miami Beach, FL 33140. Phone (305) 533-5753 for more info.

**FOR SALE: COLLINS 312B4 \$120.00.** Comdel speech compressor CP-10 gain 10-DB signal over regular signal \$75.00. George Booras, W4GXY, 1501 N.E. 147th St., Miami, FL 33161. Phone 305-945-9558.

**REPAIRS: Have your rig serviced** by a professional. Ex-Collins engineer. Richard Plasencia, K4YXC, 8817 S.W. 129th Terr., Miami, FL 33156. Phone 305-233-3631.

**FOR SALE: Heath SB-102, SB-800 speaker, HP23A power supply, model 638 Electro-Voice mike, SB-630 station console \$475.00.** Professionally wired, in mint condition. Four months old. Charles Povonis, 1613 - 30th St. W., Bradenton, FL 33505. Phone 813-746-2248.

**FOR SALE: DRAKE TR-3, RV-3, AC-3** comb. \$385.00. New finals, 6 hours since Drake overhaul and re-alignment. Like new, clean. L. G. White, 2641 N.E. 27th St., Ft. Lauderdale, FL 33306. Phone 305-944-5882.

**BARGAINS: \$30.00 for both or 5 element 6 meter Cushcraft beam A-1** condition with instruction sheet \$10.00. D-104 crystal mike with push to talk and like plug. Like new \$25.00. Walt Stock, Walt Stock, W4LIS, 117 N.E. 100th St., Miami Shores, FL 33156. Phone 305-754-2885.

**FOR SALE: GLADDING 25's, BRAND NEW** in factory boxes with a.c. power supply \$259.95 FOR Ft. Myers. FELIX ELECTRONICS, P.O. Box 4040, Ft. Myers Beach, FL 33931. Phone 463-9540.

**FOR SALE: SWAN CYGNET model 200,** excellent condition \$275.00. Also National NC-270 receiver \$85.00. Ralph Jackson, K4HAR, 5589 Shawnee Dr., Lake Worth, FL 33463. Phone 305-967-8155.

**WANTED: HRO-60** receiver with coils included. If possible, long wave 500 kc coil and manual. Must be in good condition and reasonably priced. Will pay cash and transportation cost. L. Grant, 2805 New England St., Sarasota, FL 33581. Phone 924-0863.

**TELETYPENRITERS, Parts, supplies,** tools, manuals, gears, motors, paper, tape, ribbons, tape winders. SASE for list. TYPETRONICS, Box 8873, Ft. Lauderdale, FL 33312. W4NYF. Buy all parts, late model machines.

**TRIPLETT (new) 6-4 RF amp panel** meters with built-in thermocouple \$2.50. Weston No. 301, 0-200 microamp meters \$3.00. 1.00000 Mc. xtals \$1.50. Pair of unused 4X150A's \$10.00. Waters Codax Keyer (needs work) \$25.00. SASE for full listings. G. Samkofocky, W2YSF-4, 4803 Brenda Dr., Orlando, FL 32806.

**FOR SALE: Collins 75S1** receiver, mint. Serial 3320, with all crystals 10 thru 80. Reasonable offer accepted. Mel Ehler, WB4LOZ, 1808 N.W. 36th Ct., Ft. Lauderdale, FL 33309. Phone 305-733-9343.

**FOR SALE: EVERYTHING! Receivers,** converters, transmitters, transceivers, Heat test and lab equipment, Paco VTVM, Knight dipper and Z Bridge, microphones, meters, antennas, components, etc. All or nothing. Only \$350.00. Gerry Skinner, K4LVZ, 2691 S.W. 182nd Ave. Road, Miami, FL 33156. Phone 305-274-8258.

**FOR SALE: COLLINS Complete station,** on air about 50 hours. KWM-2 with 2 a.c. power supplies, all cables and carrying case, Dummy load, speaker console 312B-4, Novice adapter, crystals for 399B 4 and 5. Hammerlund HK-1B Keyer and paddle. Fixed and mobile mike SM and MM-1. Must sell as complete package. \$1,000.00. Cleg Thor V) for 5 meters with power supply, beam and rotor. GD-104 mike. \$200.00. Harry B. Finley, WA4UPW, 8401 Shadow Lawn Dr., Sarasota, FL 33581.

**FOR SALE: Lafayette Trans. HA-150, 2** channel. One watt Midland Walkie Talkie, 2 channel. Both in leather case. \$50.00 for both. Will swap for transverter 300 Watts or more. Hustler trapped verticle 10 thru 40 meter bands. Used one month \$35.00. One pair walkie talkies, 100 MW, 7 trans. \$20.00. Sal S. Katz, WB4EZZ, 2920 Point East Dr. N-406, North Miami Beach, FL 33180. Phone 945-9043.

**TRANSFORMERS REWOUND: Jess** Price, W4CLJ, 507 Raehn St., Orlando, FL 32808. Phone 305-425-7251.

**FOR SALE: JONES Micromatch \$25.00.** Dummy Load \$10.00. VHF semi-rigid coax random lengths with fittings 18 cents a foot. Two new 4X250B \$30.00. Wayne Cooper, K4ZZV, 3302 N.W. 2nd Pl., Miami Shores, FL 33156. Phone 305-757-1718.

**FOR SALE: Two year old, like new TR-4** with a.c. power supply \$450.00. Will also trade for new or nearly new linear. S. Gormisen, W4SZ, 10000 Alana Rd., Jacksonville, FL 32211. Phone 744-4366.

**FOR SALE: Cabinet racks with doors.** Over 6 foot of 19 inch panel space. Ideal for repeaters or big station. 22 inch deep. Heavy duty construction. No shipping \$35.00 each. H. K. Schellenberg, W4JSC, Rt. 3, Box 953, Odessa, FL 33558. Phone 813-920-5094.

**WANTED: PL-172** transmitting tube. New or used for HT-33 linear amplifier. Leo Haisman, 1044 S.E. 43rd St., Cape Coral, FL 33904. Phone 813-542-1494.

**FOR SALE: Galaxy 300 SSB** with power supply and calibrator and speaker will swap for Drake SSB 180 W. input or my 350 Xevr and my SB-220 Heathkit 2 KW linear which is like new for complete Drake, Swan, Hallicrafters or what have you. I want the 10-80 SSB Xevr and linear made by same company. Transceiver must have about 100 watts output. John H. Walsberg, 221 Vermont Ave., Ft. Lauderdale, FL Phone 367-1044 or office 583-5123.

**FOR SALE: Johnson Viking Valiant** factory wired transmitter, very clean \$139.00. Collins 75S1 SSB receiver, serial 1612, extra clean with factory modifications \$335.00. Hallicrafters S-85 general coverage receiver \$30.00. You pay shipping. Harry Spicer, WA5TLS, Box 544, Monticello, Ark. Phone 367-3033.

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FOR SALE: KWM-2 with AC & DC supplies Webster Bandpasser Antenna and cables \$700.00. KWM-2 and 516-F2 supply \$625.00. 75A-3 rcvr with product detector \$260.00. KWM-1 with AC & DC supplies \$335.00. 312B-5 station control \$235.00. Hammerlund HXL-1 linear \$225.00. Hallicrafters SX-130 Rcvr. \$135.00. SBE-34 transceiver \$175.00. Swan 125 transceiver, as is \$45.00. O'Hauled Ham-M Rotor \$40.00. Mays Electronic Corp., 986 E. 35th Street, Hialeah, FL 33013. Phone 305-836-4146.

AWE. ROBOT 96TV, SIGNAL-ONE, ALPHA 77A, COLLINS, KENWOOD, TEMPO, KW ELECTRONICS, DX ENGINEERING, OMEGA-T, SBE. FM: GLADDING, SBE, CLEGG, STANDARD, TEMPO, DY-COMM, SONAR, ETC. ANTENNAS: HI-GAIN, MOSLEY, WILSON, CUSH-CRAFT, MINI-PRODUCTS, HUSTLER AND E-Z WAY TOWERS. NO ONE ANYWHERE BEATS OUR DEAL! We will TOP any offer. NEW SB-144 FM transceivers, 12 chan. with 34-94, 94-94 and 16-76 supplied, 10 watts, 12v DC, (reg. \$229.95) OUR PRICE \$203.50. with AC (reg. \$259.00) OUR PRICE \$223.45. New GLADDING 25 FM transceivers, 35 WATT OUTPUT, 6 channels with 34-76 and 94-94 supplied, independent multi-rcv switching, 12v DC built in (reg. \$349.95) OUR PRICE \$308.50. with AC supply (reg. \$329.95) OUR PRICE \$254.00. HAM-M's \$89.00, Hy-Gain TR60XX \$149, HY-QUADS \$118. Trade in equipment: Collins 325-3 and 516F-2 (latest) \$390. National NCX-2, Cal, and AC \$189, SBE SB-2LA Linear (like new) \$129. Swan Cygnet 1200 watt linear (like new) \$135. Drake SPR-4 rcvr, MS-4, Spk, amateur xtals, (2 mos. new) \$349. Heath HW-18-3 180 meter rcvr w-HP-23AC \$139. AMATEUR-WHOLESALE ELECTRONICS, 8617 S.W. 129 Terrace, Miami, Florida 33154. Phone: (305) 233-3631.

FOR SALE: Drake R-4 \$350.00. T4X \$350.00. L-4B \$450.00. MS-4 \$15.00. AC-4 \$75.00. All like new. E-Z Way tower 60-3 crank up tilt-over with TM-30C Telexco antenna, balun and Rotor, also spare Ham M rotor \$1,000.00. Mosley TA-33 Jr. \$30.00. TR-44 Rotor \$25.00. Lyle Lettner, W4VYZB, P.O. BOX 992, Coconut Grove Sta., Miami, FL 33133. Phone 305-377-4470 or 434-2855.

FOR SALE: Over 100 back issues of QST, 73, CQ and Ham Radio \$15.00. Heathkit solid state utility meter model IM-17 \$20.00. Crown-corder, 2 speed reel to reel tape recorder \$25.00. Need freq meter or 2000 watt wattmeter with freq handling thru 50 MHz. Have camera will swap. Write for details. Norman Ward, K4RBR, 10674 N.E. 11th Ct., Miami Shores, FL 33138. Phone 754-7496.

FOR SALE: Hammerlund HQ-140X receiver, excellent condition, has crystal filters, general coverage with ham band bandspread, matching speaker and manual first \$50.00 (takes it. You pick up. T. L. Kramer, W4NR, 112 N. Spruce Ridge Trail, Stuart, FL 33904. Phone 287-1387.

FOR SALE: Viking Ranger exciter Ser. 61988 and schematic all A-1 phone and c.w. \$40.00. You pay shipping or will trade for good general coverage amateur receiver. Fred W. Rudolph, K4FBC, 2035 Shakespeare Dr., Lakeland, FL. Phone 688-2976.

WANTED: 230 V., 30 amp Variac for Baptist Hospital in Gaza, Israel. Must be cheap in view of cost of overseas shipping. Charles Campbell, W4HG, Missionary Orientation Center, Pine Mt, GA 31822.

ATTENTION Dade and Broward Operators!!! All types of business printing and necessities as well as business cards and letterheads for amateurs are available at low rates. Sorry, no QSLs. Frank Haas, WB4HEP, 336 West 47th St., Miami Beach, FL 33140. Phone (305) 533-6753 for more info.

FOR SALE: COLLINS 313B4 \$120.00. Comdel speech compressor CP-10 gain 10-DB signal over regular signal \$75.00. George Sooras, W4GXY, 1503 N.E. 157th St., Miami, FL 33161. Phone 305-945-9554.

REPAIRS: Have your rig serviced by a professional, Ex-Collins engineer. Richard Plasencia, K4YXC, 8817 S.W. 129th Terr., Miami, FL 33156. Phone 305-233-3631.

FOR SALE: Heath SB-102, SB-600 speaker, HP23A power supply, model 638 Electro-Voice mikes, SB-630 station console \$475.00. Professionally wired, in mint condition. Four months old. Charles Fowles, 1613 - 36th St. W., Bradenton, FL 33505. Phone 813-746-2948.

FOR SALE: DRAKE TR-3, RV-3, AC-5 comb. \$385.00. New finals, 5 hours since Drake overhaul and re-alignment. Like new, clean. L. G. White, 2641 N.E. 27th St., Ft. Lauderdale, FL 33306. Phone 305-944-5982.

BARGAINS: \$30.00 for both or 5 element 6 meter Cushcraft beam A-1 condition with instruction sheet \$10.00. D-104 crystal mike with push to talk and like push, like new \$25.00. Walt Stock, Walt Stock, W4IIS, 117 N.E. 100th St., Miami Shores, FL 33156. Phone 305-754-2905.

FOR SALE: GLADDING 23's, BRAND NEW in factory boxes with a.c. power supply \$259.95 FOR FL Myers. FELIX ELECTRONICS, P.O. Box 4040, Ft. Myers Beach, FL 33931. Phone 463-9560.

FOR SALE: SWAN CYGNET model 200, excellent condition \$275.00. Also National NC-270 receiver \$65.00. Ralph Jackson, K4HAR, 5869 Shawnee Dr., Lake Worth, FL 33462. Phone 305-987-6155.

WANTED: HRO-60 receiver with coils included. If possible, long wave 500 kc coil and manual. Must be in good condition and reasonably priced. Will pay cash and transportation cost. L. Grant, 3805 New England St., Sarasota, FL 33581. Phone 924-0663.

TELETYPENRITERS, Parts, supplies, tools, manuals, gears, motors, paper, tape, ribbons, tape winders. SASE for list. TYPETRONICS, Box 8873, Ft. Lauderdale, FL 33312. W4NYF. Buy all parts, late model machines.

TRIPLETT (new) 6-4 RF amp. panel meters with built-in thermocouple \$2.50. Weston No. 261, 0-200 microamp meters \$3.00. 1.00000 Mc. xtals \$1.50. Pair of unused 4X150A's. \$10.00. Waters Codax Keyer (needs work) \$25.00. SASE for full listings. G. Samkofsky, W4YSF-4, 4880 Brenda Dr., Orlando, FL 32806.

FOR SALE: Collins 7551 receiver, mint. Serial 3330, with all crystals 18 thru 80. Reasonable offer accepted. Mel Ehler, WB4LOZ, 1888 N.W. 36th Ct., Ft. Lauderdale, FL 33309. Phone 305-733-9343.

FOR SALE: EVERYTHING! Receivers, converters, transmitters, transceivers, Heat test and lab equipment, Paco VTVM, Knight dipper and 2 Bridge, microphones, meters, antennas, components, etc. All or nothing. Only \$350.00. Gerry Skinner, K4LVZ, 9991 S.W. 102nd Ave. Road, Miami, FL 33156. Phone 305-274-6208.

FOR SALE: COLLINS Complete station, on air about 30 hours. KWM-3 with 2 a.c. power supplies, all cables and carrying case, Dummy load, speaker console 321B-4, Novice adapter, crystals for 39B 4 and 5. Hammarlund HK-1B Keyer and paddle. Fixed and mobile mike SM and MM-1. Must sell as complete package. \$1,000.00. Cleg Thor VI for 6 meters with power supply, beam and rotor, GD-104 mike. \$200.00. Harry B. Finley, WA4UPW, 5401 Shadow Lawn Dr., Sarasota, FL 33581.

FOR SALE: Lafayette Trans. HA-150, 2 channel. One watt Midland Walkie Talkie, 2 channel. Both in leather case. \$50.00 for both. Will swap for transceiver 300 Watts or more. Hustler trapped verticle 10 thru 40 meter bands. Used one month \$35.00. One pair walkie talkies, 100 MW, 7 trans. \$30.00. Sal S. Katz, WB4EZZ, 2920 Point East Dr. N-406., North Miami Beach, FL 33140. Phone 945-9943

TRANSFORMERS REWOUND: Jess Price, W4CLJ, 507 Raehn St., Orlando, FL 32808. Phone 305-435-7251.

FOR SALE: JONES Micromatch \$25.00. Dummy Load \$10.00. VHF semi-rigid coax random lengths with fittings 10 cents a foot. Two new 4X250B \$20.00. Wayne Cooper, K4ZZV, 9302 N.W. 2nd Pl., Miami Shores, FL 33150. Phone 305-757-1718.

FOR SALE: Two year old, like new TR-4 with a.c. power supply \$400.00. Will also trade for new or nearly new linear. S. Gornelsen, W4SZ, 7288 Alana Rd., Jacksonville, FL 32211. Phone 744-4368.

FOR SALE: Cabinet racks with doors. Over 6 foot of 19 inch panel space. Ideal for repeaters or big station. 22 inch deep. Heavy duty construction. No shipping \$35.00 each. H. K. Schellenberg, W4JSC, Rt. 2, Box 952, Odessa, FL 33556. Phone 813-929-5094.

WANTED: PL-172 transmitting tube. New or used for HT-33 linear amplifier. Leo Hajjman, 1044 S.E. 43rd St., Cape Coral, FL 33904. Phone 813-542-1494.

FOR SALE: Galaxy 500 SSB with power supply and calibrator and speaker will swap for Drake SSB 180 W. input or my 550 Xevr and my SB-220 Heathkit 2 KW linear which is like new for complete Drake, Swan, Hallicrafters or what have you. I want the 10-80 SSB Xevr and linear made by same company. Transceiver must have about 100 watts output. John H. Weinberg, 223 Vermont Ave., Ft. Lauderdale, FL Phone 587-1044 or office 583-5123.

FOR SALE: Johnson Viking Valiant factory wired transmitter, very clean \$139.00. Collins 7551 SSB receiver, serial 1612, extra clean with factory modifications \$325.00. Hallicrafters S-45 general coverage receiver \$30.00. You pay shipping. Harry Spicer, W4TSL, Box 544, Monticello, Ark. Phone 367-3033.